

# The M Series Gives You More

## **Xtreme Pack™ for Protection and Cable Management**

— Durable and resilient rubber jacket provides protection and storage for all cables, electrodes, batteries, and accessories. The washable jacket surrounds the unit for unmatched protection, and immediate access to all controls, connections, and displays.



## **Simple Connections for Operator Confidence**

— Patient connections are simplified with a new universal connector for both pads and paddles. No adapters or multiple cables that delay life-saving efforts. Built-in pediatric paddles and a complete line of disposable electrodes meet all demands.



## **1-Step™ Patient Cable**

— ZOLL's 1-Step Patient Cable provides continuous ECG from 4 leads and rapid 12 lead acquisition without switching cables or electrodes.



## **Integrated Resuscitation and Information Management**

— The M Series is an integral part of ZOLL's RescueNet™ System that organizes all call information. A removable PCMCIA card provides easy downloading of patient information to a PC for storage. A comprehensive



Summary Report prints out all important ECG, device, drug, and event information.

## **Always Ready with Built-in AC or DC Power and Battery Charger**

— The M Series offers the advantages needed to safeguard patients during rescue and transport. When on AC or DC, an internal charger recharges the battery and powers the unit continuously.



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### **References**

1. Mittal S, Ayati S, Stein KM, Knight BP, Moady F, Schwartzman D, Cavlovich D, Platia EV, Calkins H, Tchou PJ, Miller JM, Wharton JM, Sung RJ, Slotwiner DJ, Markowitz SM, Lerman BB. Comparison of a novel rectilinear biphasic waveform with a damped sine waveform for transthoracic ventricular defibrillation. *Journal of the American College of Cardiology*. 1999;34:5.
2. Mittal S, Ayati S, Stein KM, Schwartzman D, Cavlovich D, Tchou PJ, Markowitz SM, Slotwiner DJ, Scheiner MA, Lerman BB. Transthoracic cardioversion of atrial fibrillation: Comparison of rectilinear biphasic versus damped sine wave monophasic shocks. *Circulation*, In Press.
3. Clinical studies on file.

# ZOLL

*It's about time.*

**M**Series



**The Lightweight  
Defibrillator Monitor  
For Every Rescuer**

**ZOLL**  
*It's about time.*

# M Series

# Tough Enough for Life

## Introducing the Lightest, Most Compact, Most Advanced Defibrillator Monitor Ever Made

Small. Rugged. Half the size of other portable units and packed with power. Everything you need for cardiac resuscitation. Fast, easy-to-use defibrillation. Manual and AED capability. Superior Biphasic waveform and ZOLL pacing. Pulse oximetry, capnography, 12-Lead ECG, and NIBP. Built-in AC or DC power. Advanced information for detailed reporting.

### The Display You Can See Anywhere

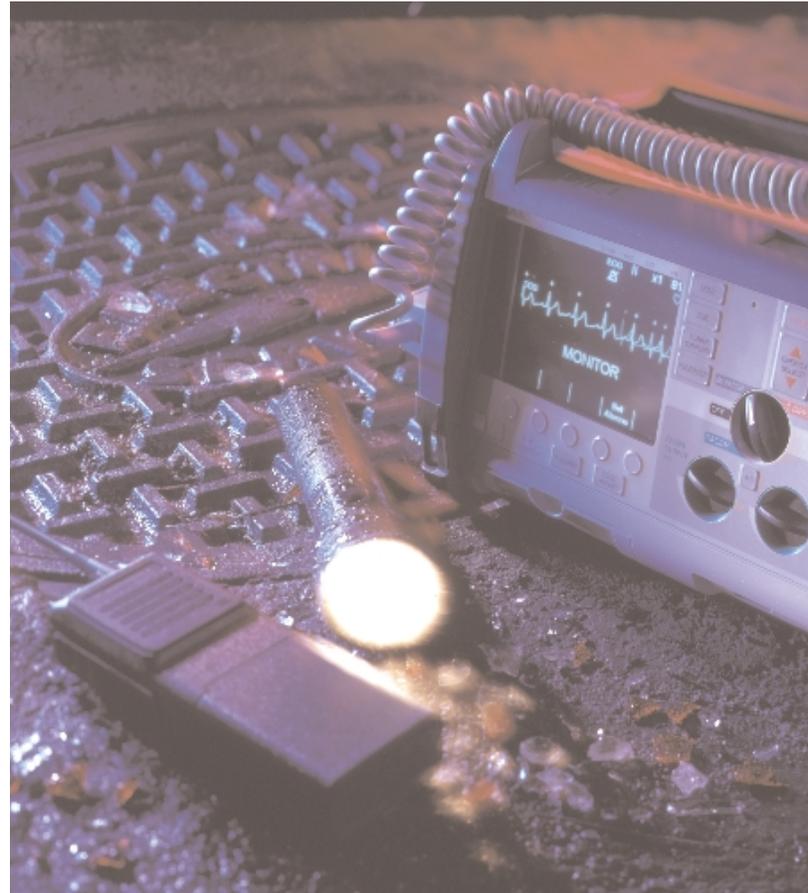
Incorporates the most technologically advanced display with a wider viewing angle than any LCD display. High contrast and visibility, even at 60°, allow you to view important information clearly and accurately.

### Built for Heavy-duty Use on the Road

Takes the rigors of the road and the roughest treatment under the harshest conditions. It meets rigorous military design standards. New ZOLL Xtreme Pack II, a molded, durable rubber jacket, provides unmatched heavy-duty protection.

### Code Markers with Complete Data Management

New code marker system follows AHA or programmed user treatment protocols. Complete documentation is easy with "one touch" data annotation. Records all information, including optional voice on a removable PCMCIA data card. Uses ZOLL Data Control™ software with Utstein-style templates for post-event review and analysis.



ZOLL's new screen is superior to any LCD in readability, contrast, and angle of view. It clearly displays ECG, SpO<sub>2</sub>, EtCO<sub>2</sub>, and NIBP values with or without waveforms, as well as the new "one touch" programmable code markers for drugs and events.

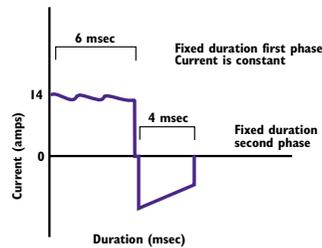
# on the Road



## A Choice of Waveforms

The M Series offers a monophasic waveform or the new patented ZOLL Rectilinear Biphasic waveform™ with superior defibrillation efficacy for high impedance patients and for cardioversion of atrial fibrillation using lower energy and current.<sup>1,2</sup> The M Series is upgradeable so you have a choice.

The ZOLL Rectilinear Biphasic Waveform

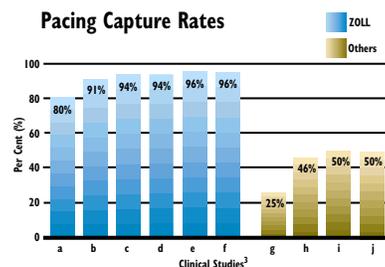


## Best in Class Technology

Only technologies with the M Series high standards of performance become M Series options. Pulse oximetry provides accurate SpO<sub>2</sub> measurements during low perfusion and high motion with reliable alarms—when you need accuracy the most. 12 lead ECG, interpretation and communication adds more diagnostic capability. EtCO<sub>2</sub> and Non-Invasive Blood Pressure add accuracy and reliability in resuscitation monitoring.

## Superior ZOLL Pacing

All other pacing is measured against ZOLL. Clinical studies have confirmed superior capture rates, lower mean capture thresholds, less muscle artifact, and better patient tolerance. A constant current, 40 msec pulse overcomes disadvantages inherent in other external pacemakers.



## Upgradeable to Change Along with Your Needs

Keep pace with changing demands — the M Series will allow you to upgrade as your needs grow.

- Manual
- Advisory
- Non-invasive Pacing
- PCMCIA Slots
- Code Markers



- AED
- Voice Recorder
- Pulse Oximetry (SpO<sub>2</sub>)
- Capnography (EtCO<sub>2</sub>)
- 12-Lead ECG
- NIBP



AED functions are easy to use, providing high operator confidence and rapid shock delivery. With ZOLL's Uniform Operating System, controls and messages are always the same from model to model, even in manual and AED configurations.